

Marked-Up Version of Originally Filed Abstract

ABSTRACT

~~A molten resin (P) is filled into a cavity (17) through a film gate (17a) provided a ring shape in a position corresponding with an outer peripheral edge of the outside surface (7a2) of the seal portion (7a). The molded product removed from the molding die is completed by removing the residual resin gate portion (7d). A gate removal portion (7d1) formed by removing the resin gate portion appears as a narrow ring shape at the outer peripheral edge of the outside surface (7a2) of the seal portion (7a).~~

A fluid bearing device including a housing, a bearing sleeve inside the housing, a shaft inside the bearing sleeve, and a radial bearing supporting the shaft in a non-contact manner. A lubricating oil film is generated within a radial bearing gap between an inner peripheral surface of the bearing sleeve and an outer peripheral surface of the shaft. The housing includes a cylindrical side portion and a seal portion, which form a continuous integrated unit. The seal portion includes an outer peripheral surface of the shaft with an adjacent outside surface and an opposing inner peripheral surface. The outer peripheral edge of the outside surface includes a machined surface formed by machining to remove a resin gate portion. Thus, the outside surface of the seal portion is a molded surface except for the machined surface.